



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

November 28, 2011

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DEC 07 2011  
3AP20

Mr. Ed Peresie  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: James W. Hagedorn (3AT23)

Mr. Steve Hepler  
Department of Environmental Protection  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745

Department of Justice  
Environmental and Natural Resource Division  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 11-0332  
ACHD Reference Number: N/A  
#2 Control Room  
USS Clairton Works

Gentlemen:

The attached form terminates the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

James F. Dudek  
Plant Manager  
Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 11-0332 Termination  
ACHD Reference Number: N/A
2. Date & Time of Breakdown: Date: 11/19/09 Time: 1420 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: #2 Control Room
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: A leak in the vacuum axi system required a shutdown of the #2 Control Room coke oven gas separation process and the Sulfur Plant.
8. Identification of Emissions:
  - A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
Elevated H<sub>2</sub>S in the downriver and under-firing gas line systems, causing increased SO<sub>2</sub> and VOC at point of combustion. This also caused increased battery combustion stack opacity when the under-firing gas composition changed.
  - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO<sub>2</sub> is and VOC could be an eye, nose, and throat irritant.
  - C. Amount of each type emitted (or likely to be emitted).  
Moderate
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
The repairs are complete.
10. Facility back in operation - Date: 11/25/11 Time: 0800 hours

Signature Coleen M. Davis Date 11-28-11  
Coleen M. Davis  
Senior Environmental Control Engineer Phone: 412-233-1015